



connection authentication

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### System and architecture for distributing, monitoring, and managing ...

US Pat. 6304967 - Filed Jun 19, 2000 - RMC Software, Inc.

The connection authentication sequence between the Request Broker 90 and Application Server 92 for the preferred embodiment is shown in FIGS. 16a and 16f. ...

### Method for providing access to independent network resources by establishing ...

US Pat. 5689638 - Filed Dec 13, 1994 - Microsoft Corporation

In addition, the caching of authentication information can be disabled, ...  
to establish the connection without prompting the user for authentication data ...

### Knowledge based system for document authentication

US Pat. 5191613 - Filed Nov 15, 1991

Document authentication control 201 activates subroutine file lock 202 ...  
For the purposes of simplicity, only a two party connection is described herein. ...

### System for intergrating an on-line service community with a foreign service ...

US Pat. 5796393 - Filed Nov 8, 1996 - CompuServe Incorporated

When a connection object needs to access an ODBC Preferably, the Community ...  
Remote Passphrase Authentication mechanisms. Server, making a request (eg, ...

### Method and apparatus for remotely administered authentication and access control

US Pat. 6615264 - Filed Apr 9, 1999 - Sun Microsystems, Inc.

Terminal 202 then establishes a connection with authentication manager 204 (eg, using TCP). To establish a connection, terminal 202 may send a message or ...

### Method and apparatus for preventing unauthorized use of a permanent virtual ...

US Pat. 6580718 - Filed Nov 24, 1998 - Covad Communications Group, Inc.

In accordance with the present invention, a user may need to use an out-of-band connection for authentication. The out-of-band connection can be provided in ...

### Validating connections to a network system

US Pat. 6470453 - Filed Sep 17, 1998 - Cisco Technology, Inc.

... to the second connection without performing a second user authentication. ...  
authentication comprises the step of establishing the second connection ...

### Universal access multimedia data network

US Pat. 5790548 - Filed Apr 18, 1996 - Bell Atlantic Network Services, Inc.

A method of establishing connection from a customer premises processor ...  
terminals an Internet connection; responding to an authentication request by ...

### Pluggable authentication and access control for a messaging system

US Pat. 6954792 - Filed Jun 29, 2001 - Sun Microsystems, Inc.

Get cache data method—this method may be called when the authentication process successfully completes. On the next connection authentication, ...

#### Continuous biometric authentication matrix

US Pat. 5229764 - Filed Jun 20, 1991

For example, one biometric authentication device test might be executed only three

... 65 Connection between the credential reader/writer port 232 and the ...

#### Pseudo network adapter for frame capture, encapsulation and encryption

US Pat. 6101543 - Filed Oct 25, 1996 - Digital Equipment Corporation

This data can also be used by clients of this protocol to qualify the nature of the authenticated connection. At step 90 a key exchange/authentication ...

#### Generalized security policy management system and method

US Pat. 5950195 - Filed Sep 18, 1996 - Secure Computing Corporation

... is required by the rule, executing an authentication protocol; and activating the connection if the authentication protocol is completed successfully. ...

#### Portable RF ID tag and barcode reader

US Pat. 5640002 - Filed Aug 15, 1995

Then the user takes the PID to an 19 can set its power. authentication kiosk ... such as by direct serial or parallel connection, PCMCIA authentication ...

#### Information reproducing apparatus, authenticating apparatus, and information ...

US Pat. 6338139 - Filed Jul 24, 1998 - Kabushiki Kaisha Toshiba

The authentication operation is effected by a series of processes as follows.

1) An adequate external connection object (authentication object) is searched ...

#### Method of carrying out an authentication check between a base station and a ...

US Pat. 5282250 - Filed May 27, 1993 - Telefonaktiebolaget L M Ericsson

In this way, a free connection is established over the speech channel without carrying out an authentication check. The actual authentication check is then ...

#### Method and apparatus for supporting multiple, simultaneous services over ...

US Pat. 5682478 - Filed Jan 19, 1995 - Microsoft Corporation

This identification and authentication information is when a process associated with the logged on ... If no connection and authentication information. ...

#### Document authentication apparatus

US Pat. 5031214 - Filed Nov 16, 1990

For simplicity of trol 201, requests that a communication connection be ...

65 step 310 where another communication connection is authentication control 201 ...

#### Method and apparatus for scalable, high bandwidth storage retrieval and ...

US Pat. 5805804 - Filed Mar 12, 1997 - Oracle Corporation

For example, when a set-top box 110 initially requests a connection to the media server 100, the authentication service 226 verifies that the box 110 box ...

#### [APPLICATION] Method and system for distributing data in a network

US Pat. App 10/184,415 - Filed Jun 27, 2002

In this case, as described above, the connection authentication key data (T) ...

If the downstream node 10B has acquired the connection authentication key ...

Electronic commerce using a secure courier system

US Pat. 5671279 - Filed Nov 13, 1995 - Netscape Communications Corporation

3 is a flow diagram showing a capture protocol Separate connection encryption, authentication, and FIG. 4 is a flow diagram showing a settlement protocol ...

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### Validating connections to a network system

US Pat. 6470453 - Filed Sep 17, 1998 - Cisco Technology, Inc.

5 As shown by block 316, a user authentication phase is performed to determine

... An initial connection is then established 40 between the client and the ...

### Method for authenticating a user working in a distributed environment in the ...

US Pat. 5841871 - Filed Nov 18, 1996 - Bull S.A.

... which means that a "call" must be started at the time of the initial connection

request. However, it should be noted that traditional authentication ...

### File transfer system using dynamically assigned ports

US Pat. 6219669 - Filed Nov 13, 1998 - Hyperspace Communications, Inc.

The signal enables a variable number of data transfers and includes an initial

connection source code segment and a data transfer source code segment. ...

### Validating connections to a network system

US Pat. 6748543 - Filed Sep 20, 2002 - Cisco Technology, Inc.

As shown by block 316, a user authentication phase is performed to ... An initial

connection is then established between the client and the network access ...

### Authentication method and system using IC card

US Pat. 6076164 - Filed Aug 29, 1997 - Kokusai Denshin Denwa Co., Ltd.

This method includes a step of executing an initial authentication using the IC

card when the user first communicates with the network access entity, ...

### Computer interface method and apparatus with portable network organization ...

US Pat. 6771290 - Filed Apr 11, 2001 - B.E. Technology, LLC

The server receives data URL for registration and authentication. ... without proper

identification and authentication. the initial connection by that user. ...

### Multilayer firewall system

US Pat. 5968176 - Filed May 29, 1997 - 3Com Corporation

Since the router does not itself represent a user, authentication and authori-

50 zation must occur during an initial connection sequence. ...

### Internet server access control and monitoring systems

US Pat. 5708780 - Filed Jun 7, 1995 - Open Market, Inc.

That URL requests authentication and specifies the domain and the initial URL.

In response to the REDIRECT, the client browser automatically sends a GET ...

### Method and apparatus for establishing network connection for a processor ...

US Pat. 6272629 - Filed Dec 29, 1998 - Intel Corporation

In such a case, only the absolute minimum amount of code necessary to establish initial connection needs to be stored in nonvolatile memory within the ...

### Authentication protocols in communication networks

US Pat. 5148479 - Filed Mar 20, 1991 - International Business Machines Corp.

It is the fourth flow knowledge of the authentication secret. ... A first initial attack connection challenge NI is transmitted from a first user A to a ...

### Networked computer system

US Pat. 6854009 - Filed Dec 22, 1999 - Tacit Networks, Inc.

At step 1116, the client connects to the authentication server 216. ... the method of establishing the connection to the initial 60 configuration server and ...

### Apparatus and method for providing transporting for a control signal

US Pat. 6427071 - Filed Dec 8, 1998 - AT&T Wireless Services, Inc.

This authentication can be accomplished using the Server and Client authentication ... during the initial connection. The gateway transmits Network related ...

### Security system for video game system with hard disk drive and internet ...

US Pat. 6712704 - Filed May 15, 2002 - Nintendo of America Inc.

After initial connection is established, the user name and password is transmitted and authentication takes place by the server to confirm communication ...

### Internet service provider preliminary user registration mechanism provided ...

US Pat. 6385651 - Filed May 5, 1998 - Liberate Technologies

15 The smart card serial number can be used by the ISP 109 to authenticate or audit the initial URL connection to the ISP 109. ...

### Secure computer system

US Pat. 5937159 - Filed Mar 28, 1997 - Data General Corporation

In an alternate embodiment of this invention, it could be used to construct "empty" authentication records for initial user and role accounts on a newly ...

### Secure intranet access

US Pat. 6081900 - Filed Mar 16, 1999 - Novell, Inc.

This generally involves transmitting user authentication information over the secure connection from the client 112 to the border server 106, verifying the ...

### Authentication apparatus and process

US Pat. 5678004 - Filed Nov 5, 1996 - NEC America, Inc.

The or maximum TU is not exceeded. last action of the initial actions must transfer to a state. The (4) If connection is successful, and authentication ...

### Method for secure access control

US Pat. 5510777 - Filed Dec 28, 1993 - AT&T Corp.

In accordance with an aspect of the invention, upon the initial iteration of ... This connection is established by destination authentication unit 220 and ...

### Command authentication process

US Pat. 5293576 - Filed Nov 21, 1991 - Motorola, Inc.

initial commands at a task 138. The authentication process discussed above in

connection with FIGS. 3A-3B is used in tasks 136-138. The commands are covered ...

### Generalized security policy management system and method

US Pat. 5950195 - Filed Sep 18, 1996 - Secure Computing Corporation

Note that some servers, such as ftpd, will always demand authentication anyway.

... In this case acid would have rejected the connection at the initial ACL ...

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### [Method for seamless networking](#)

#### [support for mobile devices using serial ...](#)

US Pat. 6651105 - Filed Nov 12, 1999 - International Business Machines Corporation

When the backend server receives the initial PPP Connection Establishment Request packet, it creates a PPP server process and binds it to the tunnel session ...

### [Establishing authenticated network connections](#)

US Pat. 7069438 - Filed Aug 19, 2002 - Sowl Associates, Inc.

... during an initial connection establishment phase of the TCP/IP protocol. ...

The method in claim 6, further comprising sending authentication data in ...

### [Authentication method and system using IC card](#)

US Pat. 6076164 - Filed Aug 29, 1997 - Kokusai Denshin Denwa Co., Ltd.

... at each establishment of connection, user authentication information ...

This method includes a step of executing an initial authentication using the 1C ...

### [Method for call establishment](#)

US Pat. 5583916 - Filed Feb 23, 1995 - Nokia Telecommunications Oy

Connection establishment is expedited, since "unnecessary" mobility ...

roaming number in an initial address message IAM to the MSC of the location area of ...

### [Authentication apparatus and process](#)

US Pat. 5678004 - Filed Nov 5, 1996 - NEC America, Inc.

CS> 2) on the very first connection establishment after a following fields- system reboot, (a) send a full table broadcast and Network/bits- request for a ...

### [Handover following in a mobile radio system](#)

US Pat. 5884175 - Filed May 5, 1997 - Hewlett-Packard Company

If the message is an "initial message" concerning connection establishment, the probe 40 creates a connection record 51 for the SCCP connection being set up ...

### [Electronic audio communications system with voice authentication features](#)

US Pat. 4761807 - Filed Feb 12, 1985 - VMX, Inc.

A Call state after an initial program load. Scheduler program 870 is ...

and connection establishment for outgoing calls of being transmitted across the ...

### [Pluggable authentication and access control for a messaging system](#)

US Pat. 6954792 - Filed Jun 29, 2001 - Sun Microsystems, Inc.

At the beginning of connection establishment, the server 110 and client 100 ...

The challenge may include initial authentication request data returned from ...

### [Authentication and security in wireless communication system](#)

US Pat. 6530906 - Filed Dec 10, 1997 - Intel Corporation

... for example, assignment, blocking, reset, release, cipher mode control, and initial message. Mobility management connection establishment for normal ...

#### Method for establishing a call in a cellular radio system depending on ...

US Pat. 5978687 - Filed Dec 22, 1995 - Nokia Telecommunications Oy

This is followed by authentication 105 of the subscriber. ... Having received an indication of a successful connection establishment request, the subscriber ...

#### Method and apparatus for conducting mobile communication over IP networks

US Pat. 6693886 - Filed Feb 7, 2000 - Nokia IP, Inc.

Then the MS initiates connection establishment by sending a service request message ... for example, authentication, ciphering mode setting are performed. ...

#### Service-based compression of content within a network communication system

US Pat. 7024460 - Filed Mar 11, 2002 - Bytemobile, Inc.

For these user authentication messages, the email compression application ...

During initial connection establishment stages, the proxy engine 510 interacts ...

#### Method and apparatus for packet data call re-establishment in a ...

US Pat. 6249681 - Filed Apr 1, 1997 - Nokia Mobile Phones Ltd.

Authentication may or may not be used in call re-establishment. ... is a mobile originated call re-establishment (ie, connection having been established the ...

#### Mechanism for dynamically binding a network computer client device to an ...

US Pat. 6112305 - Filed May 5, 1998 - Liberate Technologies

The relationship server 111 had only provided enough information to contact the ISP registration URL and then once the initial connection to the initial URL ...

#### Internet service provider preliminary user registration mechanism provided ...

US Pat. 6385651 - Filed May 5, 1998 - Liberate Technologies

The relationship server 111 had only provided enough information to contact the ISP registration URL and then once the initial connection to the initial URL ...

#### [APPLICATION] Authentication and security in wireless communication system

US Pat. App 10/202,113 - Filed Jul 24, 2002

[0148] For normal calls, the mobility management connection establishment procedure may encompass an authentication procedure. Such a procedure may be based ...

#### Mechanism for users with internet service provider smart cards to roam among ...

US Pat. 6108789 - Filed May 5, 1998 - Liberate Technologies

The relationship server 111 had only provided enough information to contact the ISP registration URL and then once the initial connection to the 30 initial ...

#### Telephone based credit card protection

US Pat. 5655007 - Filed Dec 23, 1994 - Bell Atlantic Network Services, Inc.

It will be number associated with credit card authentication in the ...

Following initial establishment of this service profile, the Referring to FIG. ...

#### [APPLICATION] Establishing authenticated network connections

US Pat. App 10/224,098 - Filed Aug 19, 2002

This protection could be achieved if the initial phase of any TCP/IP connection



to the server, ie, the three-way connection establishment handshake ...

Dynamic bandwidth monitor and adjuster for remote communications with a ...

US Pat. 6564104 - Filed Dec 20, 2000 - Medtronic, Inc.

Upon establishment of a network connection, or direct dial-up connection, a communications ... The initial communication may focus on authentication of the ...

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